Brian P Coppola

List of Publications by Year
in descending order

66	1,104	516710 16	414414 32
papers	citations	h-index	g-index

74	74	74	841
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Skill and will: The role of motivation and cognition in the learning of college chemistry. International Journal of Science Education, 2003, 25, 1081-1094.	1.9	331
2	2-Bromo-3-trimethylsilylpropene. An annulating agent for five-membered carbo- and heterocycles. Journal of the American Chemical Society, 1982, 104, 6879-6881.	13.7	93
3	Improving Science Education and Understanding through Editing Wikipedia. Journal of Chemical Education, 2010, 87, 1159-1162.	2.3	67
4	The University of Michigan Undergraduate Chemistry Curriculum 1. Philosophy, Curriculum, and the Nature of Change. Journal of Chemical Education, 1997, 74, 74.	2.3	51
5	The University of Michigan Undergraduate Chemistry Curriculum 2. Instructional Strategies and Assessment. Journal of Chemical Education, 1997, 74, 84.	2.3	48
6	Intermolecular 1,3-dipolar cycloadditions of mÃ¼chnones with acetylenic dipolarophiles: Sorting out the regioselectivity. Tetrahedron, 1994, 50, 93-116.	1.9	42
7	Writing-To-Teach: A New Pedagogical Approach To Elicit Explanative Writing from Undergraduate Chemistry Students. Journal of Chemical Education, 2012, 89, 1025-1031.	2.3	40
8	Design and Implementation of a Studio-Based General Chemistry Course. Journal of Chemical Education, 2007, 84, 265.	2.3	35
9	A Case for Ethics. Journal of Chemical Education, 1996, 73, 33.	2.3	29
10	Using Jigsaw-Style Spectroscopy Problem-Solving To Elucidate Molecular Structure through Online Cooperative Learning. Journal of Chemical Education, 2015, 92, 1188-1193.	2.3	27
11	Using Student-Generated Instructional Materials in an e-Homework Platform. Journal of Chemical Education, 2016, 93, 1871-1878.	2.3	27
12	"Who Has the Same Substance that I Have?": A Blueprint for Collaborative Learning Activities. Journal of Chemical Education, 1995, 72, 1120.	2.3	26
13	The Most Beautiful Theories. Journal of Chemical Education, 2007, 84, 1902.	2.3	24
14	Regiocontrol in the 1,3-dipolar cycloaddition reactions of mesoionic compounds with acetylenic dipolarophiles. Tetrahedron Letters, 1997, 38, 7159-7162.	1.4	20
15	Targeting Entry Points for Ethics in Chemistry Teaching and Learning. Journal of Chemical Education, 2000, 77, 1506.	2.3	20
16	Disciplineâ€centered postâ€secondary science education research: Understanding university level science learning. Journal of Research in Science Teaching, 2013, 50, 627-638.	3.3	19
17	Responses to Changing Needs in U.S. Doctoral Education. Journal of Chemical Education, 2004, 81, 1698.	2.3	15
18	The Distinctiveness of Higher Education. Journal of Chemical Education, 2013, 90, 955-956.	2.3	15

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19	Student Learning in Science Classrooms: What Role Does Motivation Play?. , 2005, , 83-97.		12
20	Full Human Presence: A Guidepost to Mentoring Undergraduate Science Students. New Directions for Teaching and Learning, 2001, 2001, 57-73.	0.4	11
21	Disciplineâ€centered postâ€secondary science education research: Distinctive targets, challenges and opportunities. Journal of Research in Science Teaching, 2014, 51, 679-693.	3.3	11
22	Progress in practice: Using concepts from motivational and self-regulated learning research to improve chemistry instruction. New Directions for Teaching and Learning, 1995, 1995, 87-96.	0.4	10
23	Eliciting Student Explanations of Experimental Results Using an Online Discussion Board. Journal of Chemical Education, 2014, 91, 684-686.	2.3	10
24	Using Errors To Teach through a Two-Staged, Structured Review: Peer-Reviewed Quizzes and â€œWhatâ€™s Wrong With Me?â€• Journal of Chemical Education, 2014, 91, 2148-2154.	2.3	9
25	The Role of Written and Verbal Expression in Improving Communication Skills for Students in an Undergraduate Chemistry Program. Across the Disciplines, 1996, 1, 67-86.	0.0	9
26	Structuring the Liberal (Arts) Education in Chemistry. The Chemical Educator, 1996, 1, 1-32.	0.0	8
27	I Scream, You Scream...: A New Twist on the Liquid Nitrogen Demonstrations. Journal of Chemical Education, 1994, 71, 1080.	2.3	7
28	Closing the Gap between Interdisciplinary Research and Disciplinary Teaching. ACS Chemical Biology, 2007, 2, 518-520.	3.4	7
29	Student-Generated Instructional Materials. , 2020, , 385-407.		7
30	A new observation of limiting-case 1,3-dipolar cycloaddition. Evidence for a highly unsymmetrical transition-state structure with the reactions of mesoionic compounds. Journal of Organic Chemistry, 1993, 58, 7324-7327.	3.2	6
31	Progress in Practice: Exploring the Cooperative and Collaborative Dimensions of Group Learning. The Chemical Educator, 1996, 1, 1-9.	0.0	6
32	Selamat Datang di Indonesia: Learning about Chemistry and Chemistry Education in Indonesia. Journal of Chemical Education, 2008, 85, 1204.	2.3	6
33	The relationship between subject matter knowledge and teaching effectiveness of undergraduate chemistry peer facilitators. Chemistry Education Research and Practice, 2018, 19, 276-304.	2.5	6
34	Progress in Practice: Teaching and Learning with Case Studies. The Chemical Educator, 1996, 1, 1-13.	0.0	5
35	Mea Culpa: Formal Education and the Dis-Integrated World. Science and Education, 1998, 7, 31-48.	2.7	5
36	SELECTIVE REACTIVITY OF THE BISENAMINE OF PIPERAZINE-CYCLOHEXANONE WITH BENZOYL CHLORIDE. Organic Preparations and Procedures International, 1978, 10, 304-306.	1.3	4

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37	Substituent effects on 13C NMR chemical shifts in dialkylaminophenylchlorophosphines. Polyhedron, 1992, 11, 2759-2766.	2.2	4
38	Progress in Practice: Organic Chemistry in the Introductory Course. The Chemical Educator, 1996, 1, 1-8.	0.0	3
39	Advancing STEM teaching and learning with research teams. New Directions for Teaching and Learning, 2009, 2009, 33-44.	0.4	3
40	The -ills of Educational Reform. The Chemical Educator, 1998, 3, 1-10.	0.0	2
41	The Great Wakonse Earthquake of 2003: A Short, Problem-Based Introduction to the Titration Concept. Journal of Chemical Education, 2006, 83, 600.	2.3	2
42	Summer 2013 Book and Media Recommendations. Journal of Chemical Education, 2013, 90, 823-831.	2.3	2
43	Broad & Capacious: A New Norm for Instructional Development in a Research Setting. Change, 2016, 48, 34-43.	0.5	2
44	Progress in Practice: Organic Chemistry in the Introductory Course II. The Advantages of Physical Organic Chemistry. The Chemical Educator, 1997, 2, 1-9.	0.0	1
45	Progress in Practice: Three Plenaries I Richard N. Zare, Enhance, Enable, and Elucidate. The Chemical Educator, 1998, 3, 1-8.	0.0	1
46	Summer Reading. Journal of Chemical Education, 2009, 86, 792.	2.3	1
47	Summer 2012 Book and Media Recommendations. Journal of Chemical Education, 2012, 89, 825-831.	2.3	1
48	Teaching in China: Two Views. Change, 2013, 45, 58-66.	0.5	1
49	Book and Media Recommendations: Stories, Style, and a Few Study Breaks. Journal of Chemical Education, 2015, 92, 1140-1142.	2.3	1
50	An Inevitable Moment: US Brain Drain. Change, 2015, 47, 36-45.	0.5	1
51	Progress in Practice: The Synergy Derived From Knowing Pedagogy as Well as Chemistry. The Chemical Educator, 1996, 1, 1-11.	0.0	0
52	Progress in Practice: The Scholarship of Teaching. The Chemical Educator, 1996, 1, 1-9.	0.0	0
53	Progress in Practice: Bookends and Boilerplate I. Vigilance for the Obligations for Scholarship in Chemical Education. The Chemical Educator, 1997, 2, 1-7.	0.0	0
54	Progress in Practice: Can Undergraduate Student Affiliate Groups Survive After the (Re)Energizers Graduate?. The Chemical Educator, 1997, 2, 1-2.	0.0	0

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55	Editorial: Day 2-to-40. Proceedings from a Chemical Education Workshop Symposium. The Chemical Educator, 1998, 3, 1-3.	0.0	0
56	Summer Reading. Journal of Chemical Education, 2000, 77, 693.	2.3	0
57	Summer Reading. Journal of Chemical Education, 2001, 78, 706.	2.3	0
58	Summer Reading. Journal of Chemical Education, 2002, 79, 648.	2.3	0
59	Summer Reading. Journal of Chemical Education, 2003, 80, 598.	2.3	0
60	Summer Reading. Journal of Chemical Education, 2004, 81, 778.	2.3	0
61	Summer 2011 Book and Media Recommendations. Journal of Chemical Education, 2011, 88, 851-857.	2.3	0
62	Book and Media Recommendations: Proven Facts and Speculative Fiction. Journal of Chemical Education, 2014, 91, 958-960.	2.3	0
63	Barry Martin Trost: Educator. Organic Chemistry Frontiers, 2016, 3, 1225-1227.	4.5	0
64	Book and Media Recommendations: Enlightenment (Lather, Rinse, Repeat). Journal of Chemical Education, 2016, 93, 1344-1346.	2.3	0
65	Purple Dragons and Yellow Toadstools a Versatile Exercise for Introducing Students to Negotiated Consensus. Science and Engineering Ethics, 2019, 25, 1261-1269.	2.9	0
66	Mea Culpa: Formal Education and the Dis-Integrated World. , 1999, , 107-128.		0